Philips
LCD monitor

17"
SXGA

170V8FB

Great value for your money

With Philips SmartImage and PerfecTune plus a detachable base to save space and Green design, the Vista-empowered 170V8 delivers the best-ever display quality and the performance you need to get the job done at an affordable price.

Best total cost of ownership solution
- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top quality LCD display delivered to you
- Empowered for Windows Vista
- Power consumption below the industry average
- sRGB ensures color matching between display and printouts

Outstanding front of screen performance
- SmartImage: For an optimized display experience
- Fast response time for great display of moving images

Maximum comfort for maximum productivity
- Screen tilts to your ideal, individualized viewing angle

Great convenience
- Embedded power supply eliminates external power adaptors
- Hassle-free display performance tuning with SmartControl II
- Cable management for a tidy work space

PHILIPS
sense and simplicity

LCD monitor
17" SXGA

170V8FB/97

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- SmartContrast ratio (dynamic): 3000:1
- Display colors: 16.7 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Recommended Resolution: 1280 x 1024 @ 60 Hz
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Picture enhancement: SmartImage
- sRGB

Connectivity
- Signal Input: Analog (VGA)
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Convenience Enhancements: On-screen Display, SmartControl II, SmartManage enabled
- Monitor Controls: SmartImage, Auto (Back), Input, Power On/Off, Brightness Control (Up/Down), Menu (OK)
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible, FlexiHolder
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TÜV/GS, TÜV Ergo
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 451 x 394 x 174 mm
- Box dimensions in inch (W x H x D): 17.8 x 15.5 x 6.9 inch
- Set dimensions (W x H x D): 379.3 x 327.1 x 57.5 mm
- Set dimensions in inch (W x H x D): 14.9 x 12.9 x 2.3 inch
- Set dimensions with stand (W x H x D): 379.3 x 387.1 x 211.1 mm
- Set dimensions with stand in inch (W x H x D): 14.9 x 15.2 x 8.3 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 3.64 kg
- Product weight (+stand) (lb): 8.03 lb
- Weight incl. Packaging: 4.56 kg
- Weight incl. Packaging (lb): 10.1

Power
- Complies with: Energy Star
- Consumption: < 33 W (Typical)
- Consumption (economy mode): 27 W
- Off Mode: < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

PerfecTune
PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Lower power consumption
Reduction of the electrical power required to operate a device.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

Fast response time
Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

Adjustable tilt
Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

SmartControl II
SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

Cable management
Cable management is a system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

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